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THE REVIEW OF PHYSICAL CHEMISTRY OF JAPAN

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(Butsuri-Kagaku no Shinpo)

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A Wider Field of Vision

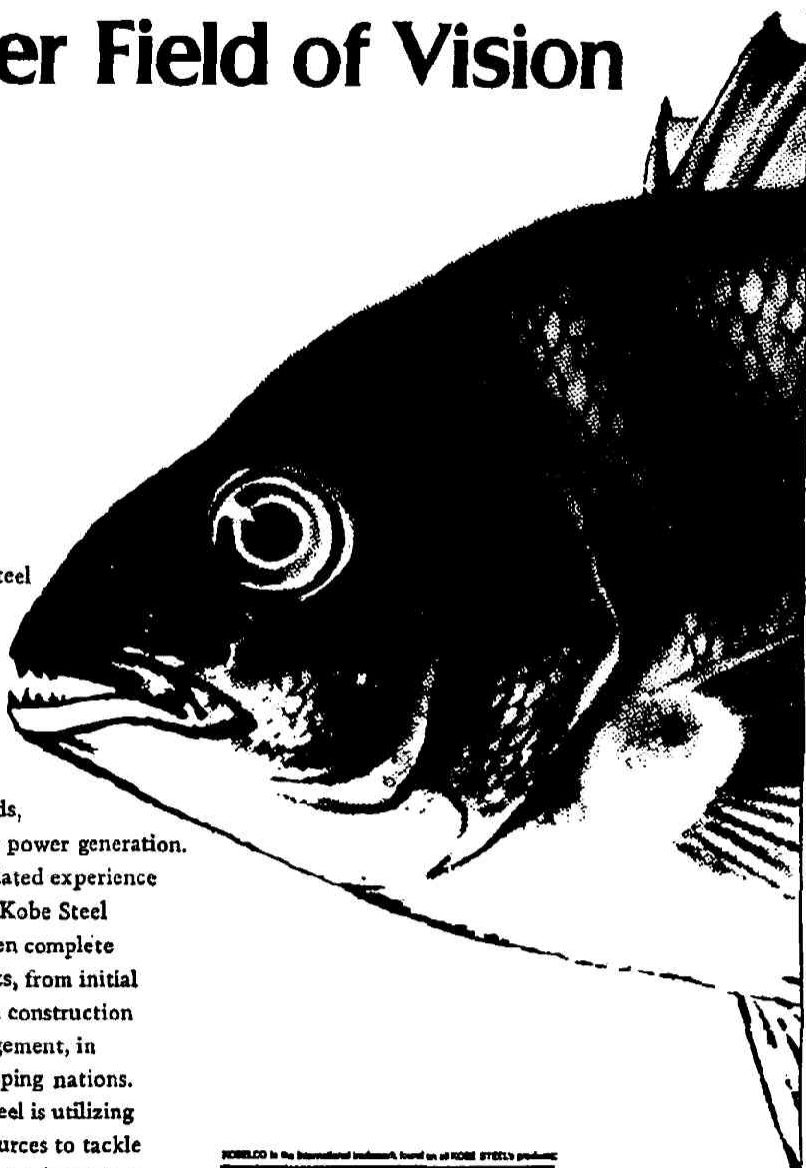
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Commemorative Issue of Volume 50, 1980

The Review of Physical Chemistry of Japan

The Physico-Chemical Society of Japan has published the Review of Physical Chemistry of Japan for the past five decades ; the next issue is just fiftieth. In commemoration of the fiftieth volume, we have a special plan. A number of distinguished researchers will be invited to write review papers in the next issue which has a subtitle, "Modern Aspects of High-Pressure Physical Chemistry". Those who want to submit contributed papers are also welcome ; see the address on the cover. The commemorative volume will be distributed all over the world more widely than ever. The Editors wish the commemorative volume would become a milestone for the progress in the high-pressure physical chemistry.

A handwritten signature in cursive script, reading "Jiro Ozugi".

Editor in chief

The Review of Physical Chemistry of Japan

Vol. 49, 1979

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Faculty of Science, Kyoto University, Kyoto, Japan

**Example of Application with
EMAX-1000 + SEM**



Photo 1 : 700 fold enlargement of an IC. The lower part shows the line analysis of Al. The electron Beam is scanned over the line (scanning time: 80 sec.).



Photo 2: The plan analysis of Photo 1 showing Al distribution.



Photo 3: Background is removed by contrast enhancer.

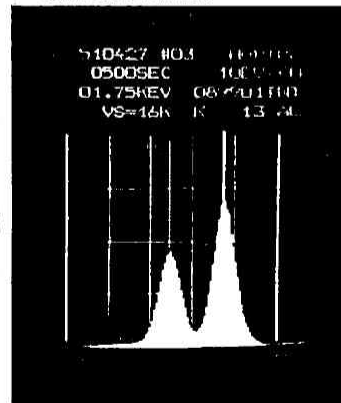
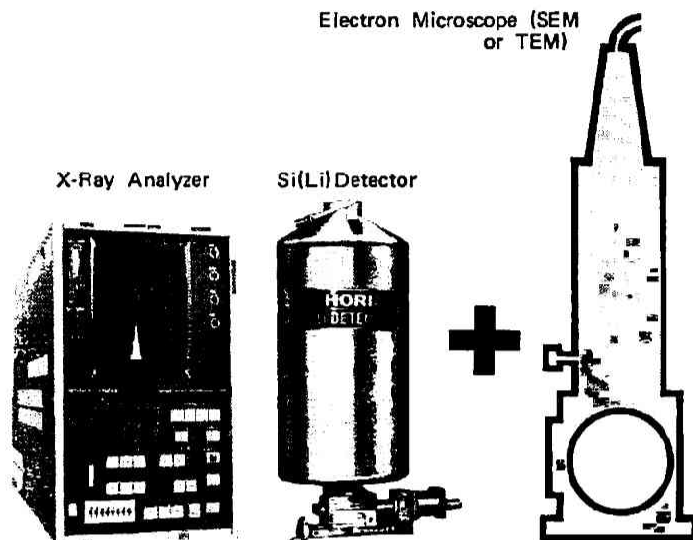


Photo 4: The X-ray analysis of the area shown in Photo 1. The brighter peak is the window-set Al. The adjacent peak is Si.

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multi-elements ($_{11}\text{Na}$ - $_{92}\text{U}$)
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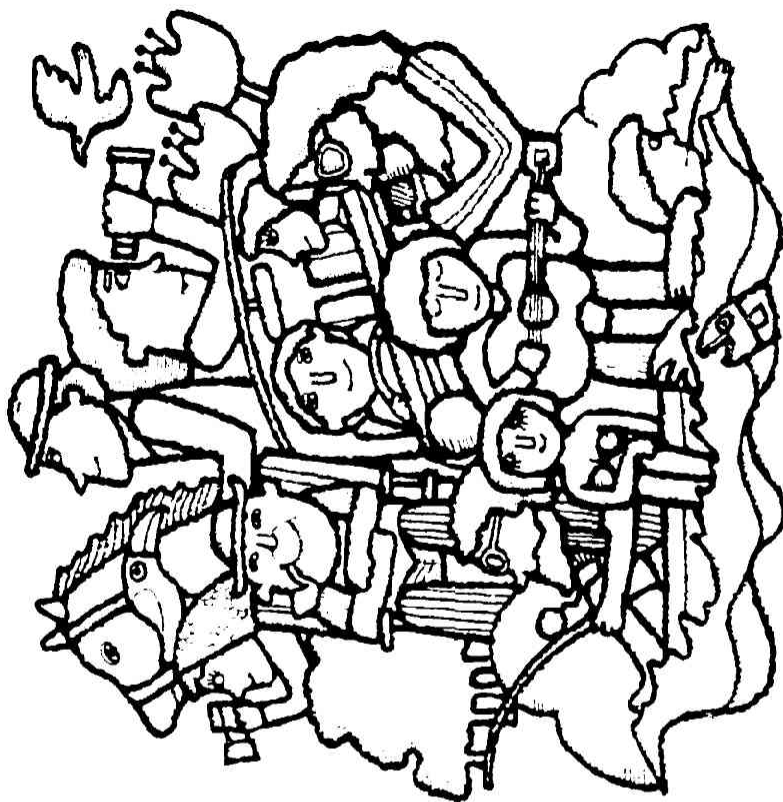
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